

NOTES:

- GLAZED LITE OPTIONS IN MOLDED FRAMES:
 - .125 DSB TEMPERED GLASS ALLOWED
 - TALLEST LITES: MIN DSB GLASS
 - CLEAR OPENING SIZE: MAX WD=39"; MAX HT=19"
 - (16) MIN QTY SCREWS #8X1
 - DECORATIVE TRIM INSERTS ALLOWED.
 - (1) GLAZING SECTION ALLOWED IN TOP SECTION.
 - NOT IMPACT RESISTANT
- VINYL OR WOOD DOOR STOP SECURED WITH 6D NAILS A MAXIMUM OF 6" O.C. MUST OVERLAP TOP AND BOTH ENDS OF PANELS MINIMUM 7/16" TO MEET NEGATIVE PRESSURES.
- SLIDE LOCKS, OR LOCK BAR LOCK REQUIRED.
- FACER STEEL TO HAVE A MINIMUM 27 GA THICKNESS AND BACKER STEEL TO HAVE A MINIMUM 29 GA THICKNESS.
- A 4-1/2" x 6" x 21 GA BACKER PLATE IS TO BE LOCATED AT EVERY INTERMEDIATE AND OUTER END HINGE LOCATION.
- THE DESIGN OF THE SUPPORTING STRUCTURAL ELEMENTS SHALL BE THE RESPONSIBILITY OF THE PROFESSIONAL OF RECORD FOR THE BUILDING OR STRUCTURE AND IN ACCORDANCE WITH CURRENT BUILDING CODES FOR THE LOADS LISTED ON THIS DRAWING.
- DOOR JAMB TO BE MINIMUM 2x6 SOUTHERN PINE LUMBER. REFER TO JAMB CONNECTION SUPPLEMENT FOR ATTACHMENT TO SUPPORTING STRUCTURE.
- COMPLIES WITH THE REQUIREMENTS OF IBC/IRC 2018 AND 2021.
- PROFESSIONAL ENGINEER SEAL PROVIDED ONLY FOR VERIFICATION OF WINDLOAD CONSTRUCTION DETAILS.

SUPERIMPOSED DESIGN PRESSURE LOADS ON SUPPORTING STRUCTURE

DOOR WIDTH	DOOR HEIGHT	UNIFORM LOAD EACH JAMB (PLF)
12'-0"	ALL	+92.4/-106.8
14'-0"	ALL	+107.8/-124.6
16'-0"	ALL	+123.2/-142.4

NOTE: (3) SECTION DOOR SHOWN. SEE SHEET 2 FOR U-BAR LOCATIONS ON DOORS WITH OTHER SECTION QUANTITIES.

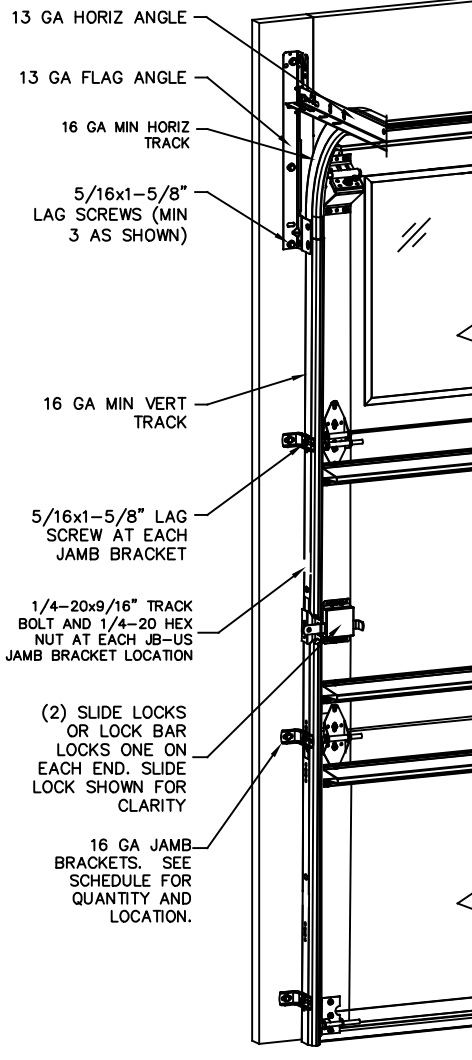
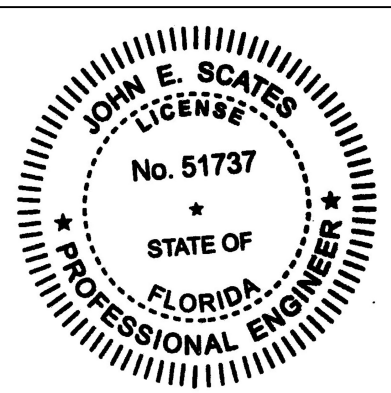
NOTE:

(JB-US) FOLLOWING DIMENSION DENOTES SLOTTED JAMB BRACKET ATTACHED TO TRACK WITH 1/4-20x9/16" TRACK BOLT AND NUT AS SHOWN ABOVE.

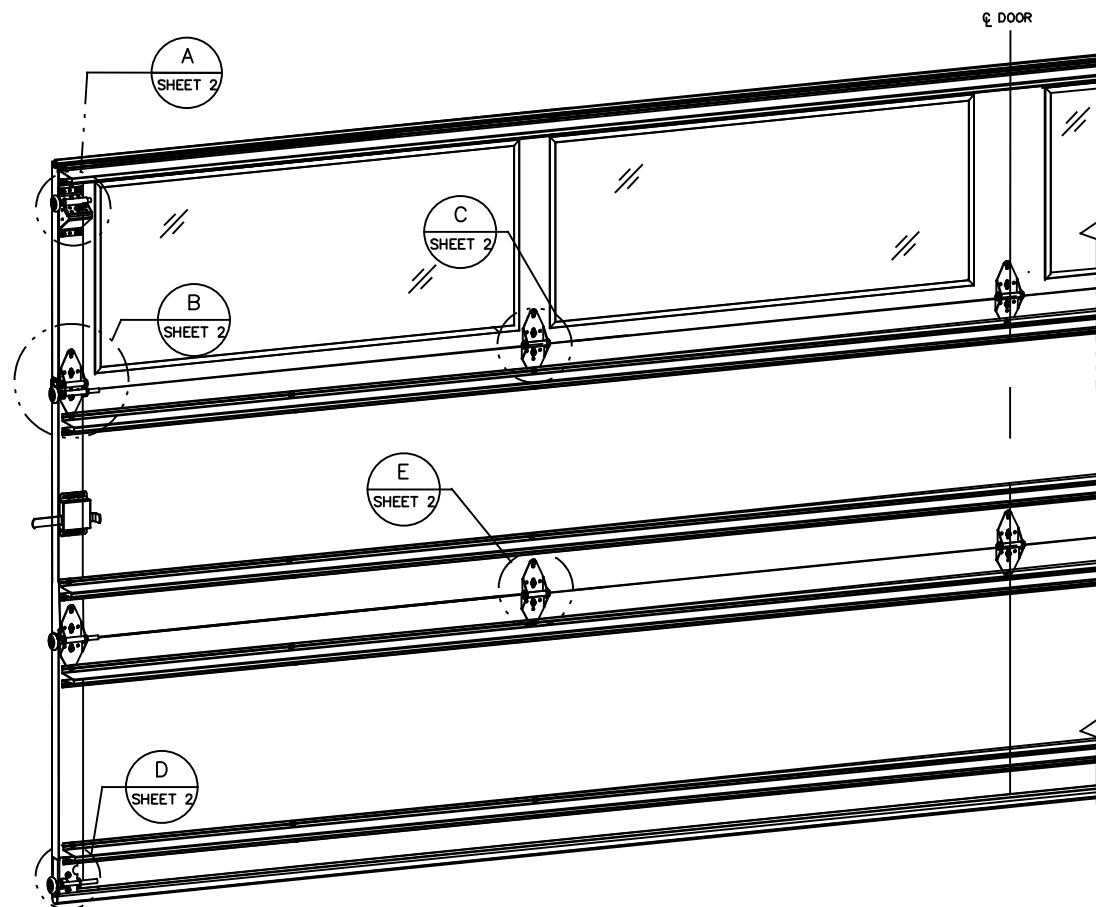
ALL DOORS GREATER THAN 8' IN HEIGHT REQUIRE USE OF CONTINUOUS WALL ANGLE. SEE SUPPLEMENT TRACK CHART FOR DETAILS.

Digitally signed by John E Scates
Date: 2025.02.13 12:02:01 -06'00'

JOHN E. SCATES, PE
8811 TEEL PKWY #100-5175
FRISCO, TX 75036
FL PE 51737
TX PE 56308 / F2203
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REVISIONS				
ER	REV	DESCRIPTION	DATE	APVL
WL022	-	INITIAL RELEASE	2/14/25	AR



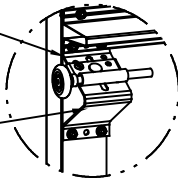
JAMB BRACKET SCHEDULE				
DOOR HEIGHT	NO. OF SECTIONS	NO. OF JAMB BRACKETS (EACH JAMB)	TRACK TYPE	LOCATION OF CENTERLINE OF JAMB BRACKETS MEASURED FROM BOTTOM OF TRACK (ALL DIMENSIONS ± 2")
7'-0"	3	3	FAT	6" (JB), 35" (JB), 63" (JB)
8'-0"	4	4	FAT	6" (JB), 30" (JB), 54" (JB), 78" (JB)
> 8'-0"				SEE NOTE BELOW

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STATIC PRESSURE RATINGS		APPROVED SIZES		SCALE: N.T.S.		SIZE: A	
DESIGN (PSF):	+15.4/-17.8	MAX WIDTH:	16'-0"	DATE	NAME		
TEST (PSF):	+23.1/-26.7	MAX HEIGHT:	14'-0"	DRAWN	1/6/25	AR	
IMPACT/CYCLIC RATED (YES/NO):	NO	MAX SECTION HEIGHT:	28"	CHECKED			
MODELS 8670/8310					SHEET 1 OF 4		
WINDLOAD SPECIFICATION OPTION CODE 0560					DRAWING PART NO.	REV.	
					412640	-	

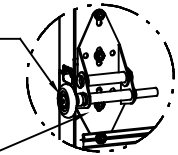
12 GA ROLLER SLIDE ATTACHED TO BRACKET WITH 5/16-18 BOLT & NUT IN CENTER SLOT AND 1/4-20x9/16" TRACK BOLT & 1/4-20 HEX NUT THROUGH ANY TWO ALIGNING HOLES

12 GA COMMERCIAL 'A' FRAME TOP BRACKET ATTACHED WITH (4) 1/4-14x7/8" SELF DRILLING CRIMPITITE SCREWS



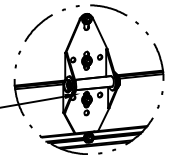
DETAIL A

2" NYLON ROLLER WITH 5" STEM OPTIONAL STEEL, 10/11-BALL BEARING ROLLER AVAILABLE.



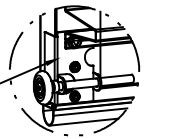
DETAIL B

13 GA WIDE BODY END HINGE ATTACHED WITH (4) 1/4-14x7/8" SELF DRILLING CRIMPITITE SCREWS



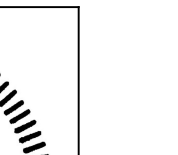
DETAIL C

14 GA WIDE BODY INTERMEDIATE HINGE ATTACHED WITH (4) 1/4-14x7/8" SELF DRILLING CRIMPITITE SCREWS



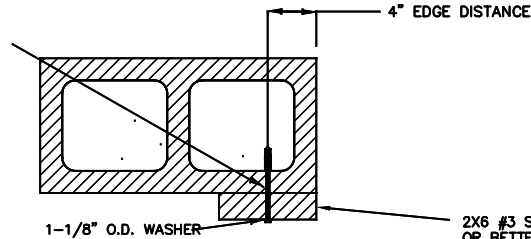
DETAIL D

14 GA BOTTOM BRACKET ATTACHED WITH (3) 1/4-14x7/8" SELF DRILLING CRIMPITITE SCREWS

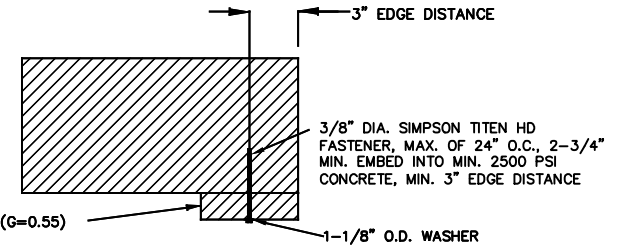


DETAIL E

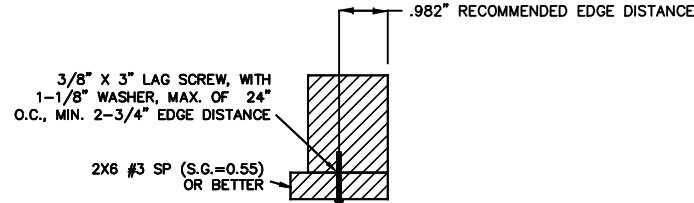
3/8" DIA. SIMPSON TITEN HD FASTENER, MAX. OF 18" O.C., 2-3/4" MIN. EMBED INTO MIN. 2000 PSI GROUT FILLED CMU, MIN. 4" EDGE DISTANCE



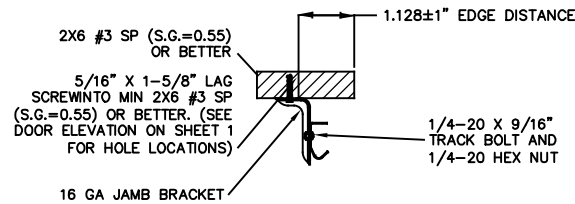
WOOD MOUNTED TO GROUT FILLED MASONRY BLOCK DETAIL



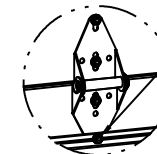
WOOD MOUNTED TO 2500 PSI CONCRETE DETAIL



WOOD MOUNTED TO #3 SOUTHERN PINE SUBSTRATE

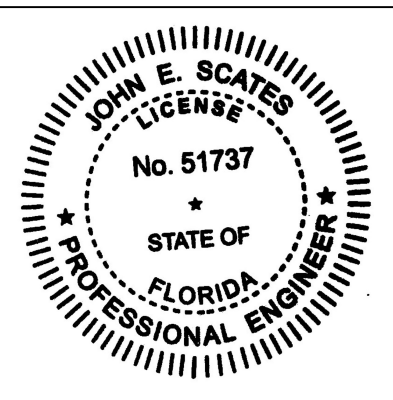


MOUNTING TO WOOD JAMB DETAIL



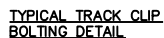
DETAIL E

STRUT ATTACHED WITH (2) 1/4-14x7/8" SELF DRILLING CRIMPITITE SCREWS AT EACH HINGE LOCATION AND (2) BETWEEN EACH INTERMEDIATE HINGE FOR EACH STRUT



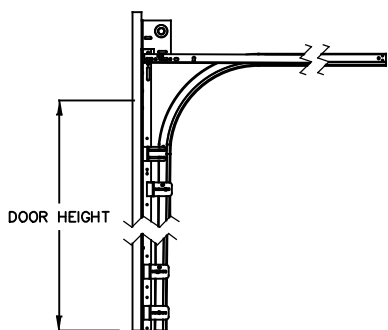
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DESIGN (PSF):	+15.4/-17.8	MAX WIDTH:	16'-0"	DATE	1/6/25	NAME	AR
TEST (PSF):	+23.1/-26.7	MAX HEIGHT:	14'-0"	DRAWN	1/6/25	AR	
IMPACT/CYCLIC RATED (YES/NO):	NO	MAX SECTION HEIGHT:	28"	CHECKED			
MODELS 8670/8310					SHEET 2 OF 4		
WINDLOAD SPECIFICATION OPTION CODE 0560					DRAWING PART NO. 412640		REV. —

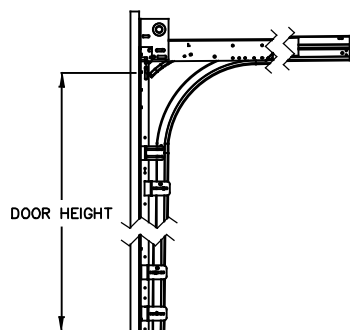


DETAIL M
SCALE 1 : 4

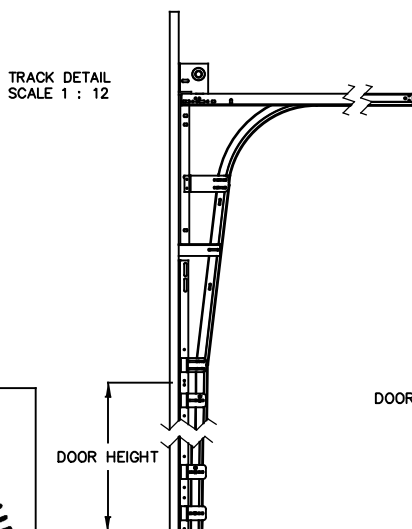
OPTIONAL WALL ANGLE TRACK



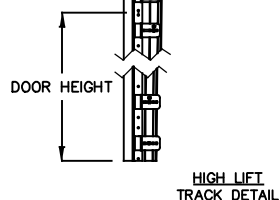
STANDARD LIFT TRACK DETAIL



LOW HEADROOM
TRACK DETAIL



TRACK DETAIL
SCALE 1 : 12



HIGH LIFT TRACK DETAIL

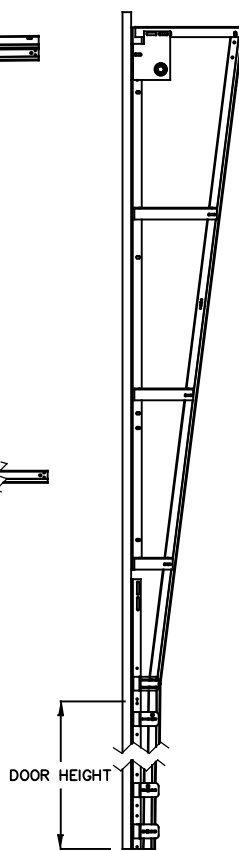


Diagram illustrating the vertical lift track detail, showing the door height dimension and the track assembly.

ATTACH U-BAR WITH (1)
1/4-14x7/8" SELF DRILLING
CRIMPTITE SCREW AT EACH HOLE
LOCATION. THERE SHALL BE A TOTAL
OF (18) SCREWS PER U-BAR. ▾

NOTE: U-BARS LOCATED AT THE TOP OF THE SECTION SHALL BE PLACED ON TOP OF THE BOTTOM HINGE LEAFS AS SHOWN (NOT APPLICABLE TO TOP SECTION) (SEE DETAIL E)

U-BAR LOCATIONS

(7) SECTION DOORS
WITH (13) 3" 20 GA
80 KSI U-BARS —
LOCATED AS SHOWN

(6) SECTION DOORS
WITH (11) 3" 20 GA
80 KSI U-BARS —
LOCATED AS SHOWN

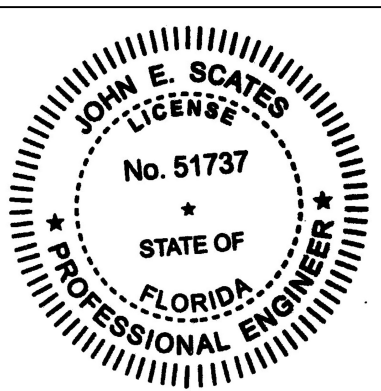
(5) SECTION DOORS
WITH (9) 3" 20 GA
80 KSI U-BARS —
LOCATED AS SHOWN

(4) SECTION DOORS
WITH (7) 3" 20 GA
80 KSI U-BARS —
LOCATED AS SHOWN

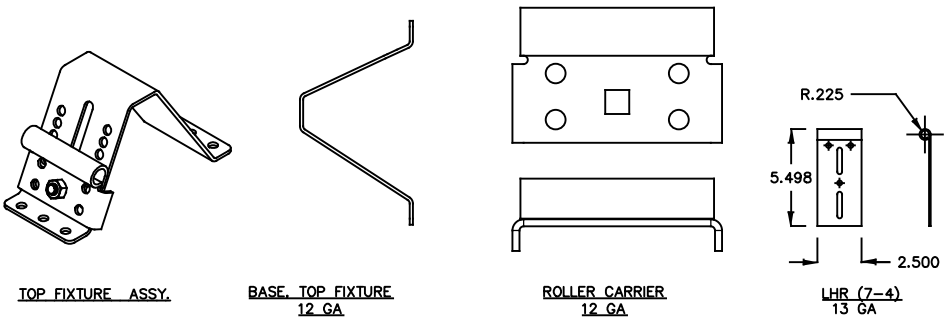
(3) SECTION DOORS
WITH (5) 3" 20 GA
80 KSI U-BARS —
LOCATED AS SHOWN



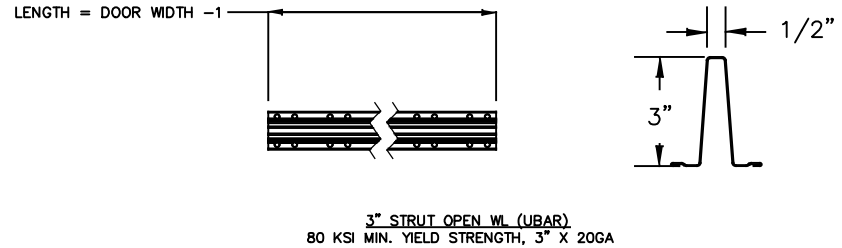
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MODELS 8670/8310				SHEET 3 OF 4			
				DRAWING PART NO. REV.			
WINDLOAD SPECIFICATION OPTION CODE 0560				412640 —			



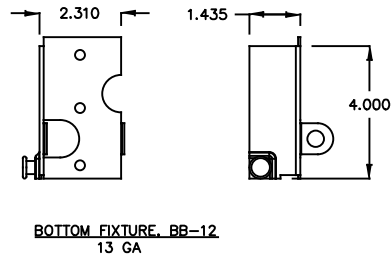
NOTES: (UNLESS OTHERWISE SPECIFIED)
1. FOR DIMENSIONS AND NOTE REFERENCES, REFER TO INDIVIDUAL DRAWINGS.



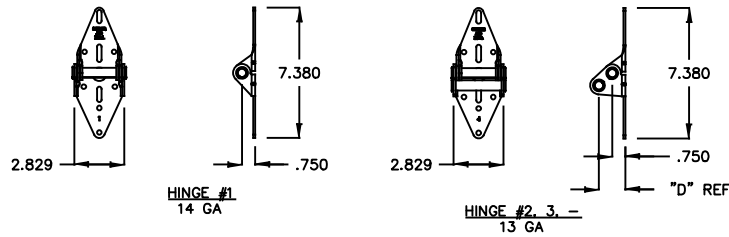
TOP FIXTURE DETAILS



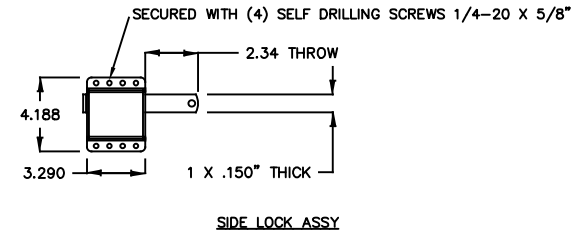
STRUT DETAILS



BOTTOM FIXTURE DETAILS

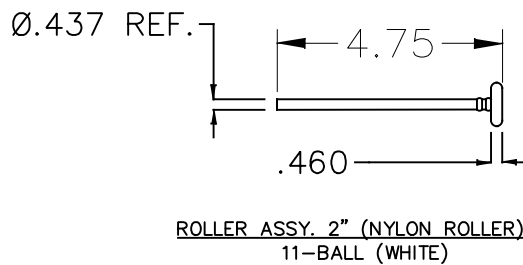
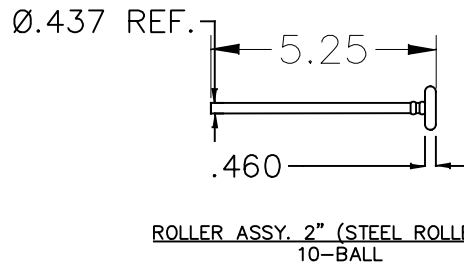


HINGE DETAILS

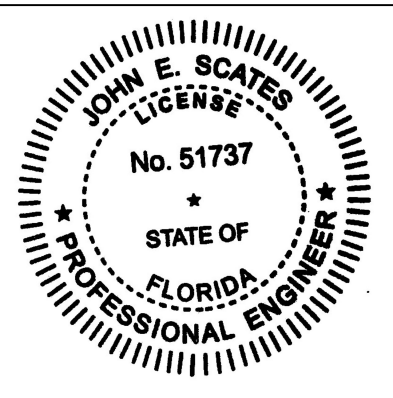
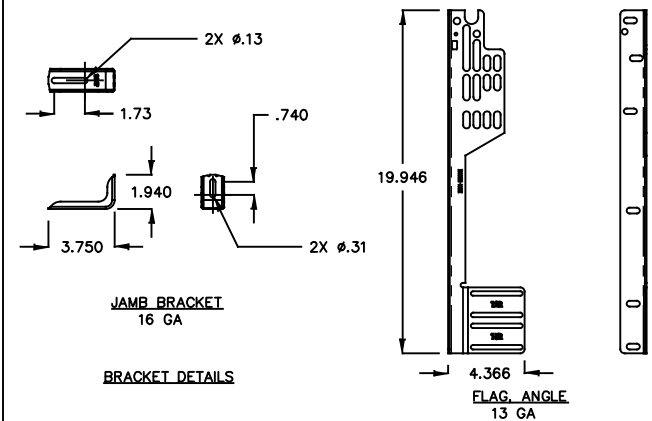


SIDE LOCK ASSY

LOCK DETAILS



ROLLER STEM ASSY DETAILS



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MODELS 8670/8310				DRAWING PART NO.		REV.	
WINDLOAD SPECIFICATION OPTION CODE 0560				412640		-	